INDIAN SCHOOL NIZWA - WORKSHEET

BIOLOGY

CH-21 NEURAL SYSTEM

Name: _____ Date:_____ Class: XI-A

1 **Differentiate between**

A) Yellow spot and blind spot
B) Fenestra rotundum and fenestra ovalis
C) Voluntary action and reflex action
D) Aqueous chamber and vitreous chamber
E) Rodes and cones
F) Middle ear and inner ear G Myelinated and unmylinated nerve fibre

2. State two important functions of medulla oblongata and cerebrum . What is limbic system? Write its main function.
3. Why do owls have better night vision than day vision?
4 Blind spot in the eye is devoid of the ability of vision. Why?
5 Yellow spot is called the area of sharpest vision . Why?
6 Explain how vitamin A deficiency affects vision in humans
7 Briefly describe how the following actions take place:
a) The oval window of the inner ear vibrates.
8 What will happen if the cerebrum is damaged?
9 Make a labeled diagram of the vertical section of a mammalian eye
10 Explain the function of rods and cones .
11 Draw a labeled diagram of the ear .Write a note on the mechanism of hearing.
12 Why do impulses in the neuron travel in one direction only ?
13 Draw a labeled diagram of the V.S of the human brain .State two functions of the cerebrum cerebellum and medulla oblongata respectively
14 Describe the events in the transmission of nerve impulses in a non-myelinated nerve fibre .How do these events differ from those occurring in a mylinated neuron?
15 Trace the sequence of the parts through which the nerve impulse passed in a reflex arc
16 Draw the cross section of cochlea and label the parts
17 What is synapse/ how does a nerve impulse transmitted across the synapse ?
18 Draw the structure of a neuron and label all the parts. What is CSF? Write its functions